

# Converting Colors

Hex(00FAC2)

Have a look what the booklet for  
Hex(00FAC2) contains.

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# Color

Hex(00FAC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	00FAC2
RGB	0, 250, 194
RGB Percent	0%, 98%, 76%
CMY	1.0000, 0.0196, 0.2392
CMYK	1.00, 0.00, 0.22, 0.02
HSL	167°, 100%, 49%
HSV	167°, 100%, 98%
XYZ	43.9232, 72.2663, 62.6727
YIQ	168.8660, -131.0240, -70.4160

# Conversions

## Conversions Part 2

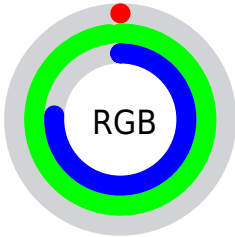
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 141, 250
Decimal	64194
CIELab	88.10, -62.13, 13.11
CIELCh	88, 63.496, 168.085
Yxy	72.2663, 0.2456, 0.4040
Android (android.graphics.Color)	4278254274 (0xFF00FAC2)
YUV	168.8660, 12.3911, -148.0955
Hunter-Lab	85.0096, -56.5384, 15.7955

# Details

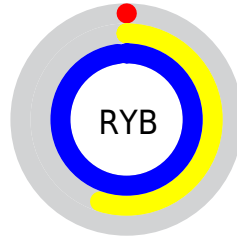
The Hex color **00FAC2** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FA0038**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **73FFF8**, and **00C08C** is the 20% darker color. If you saturate the color by 10%, you get **00FAC2**, and if you desaturate by 10%, it is **19FAC8**.

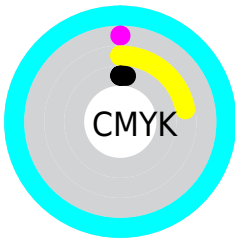
# Distribution



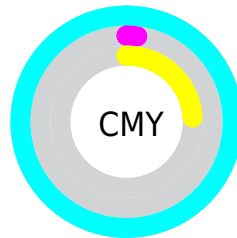
- Red (0%)
- Green (98%)
- Blue (76%)



- Red (0%)
- Yellow (55%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FAC2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00FAC2 by changing the saturation by 10% instead.



 00FAC2

FFFFFF

 73FFFB

 96FFFF

 B7FFFF

 D7FFFF

 F7FFFF

 00FAC2

 00DDA7

 00C08C

 00A473

 00895A

 006E43

 00542C

 003B17

 002300

 000000

 00FAC2

 19FAC8

 32FACD

 4BFAD3

 64FAD8

 7DFADE

 96FAE4

 AFFAE9

 C8FAEF

 E1FAF4

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97F389



00FAC2



00FBFF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00FAC2



B9D7FF



FFBB85

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00FAC2



FA0038

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFABBB



00FAC2



FFBFFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00FAC2



00EAF8



FFACF8



FFD164

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00FAC2



00F9FF



FFACF8



FFB495

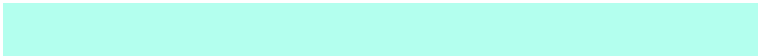


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00FAC2



B3FFEE



3AFA00



528075



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00FAC2



00FFC6



00B7FA



707D7A



00BD92



003D2F



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FA0038



FF0039



FA4300



7D7073



BD002A

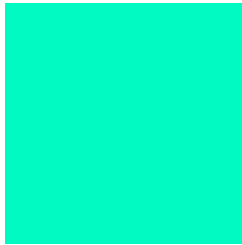


3D000E



# Previews

## White Background



This preview shows how the Hex color 00FAC2 looks on a white background.

## Color Contrast Check

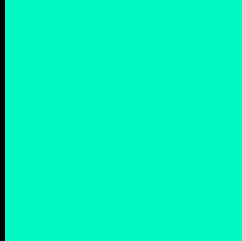
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 00FAC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

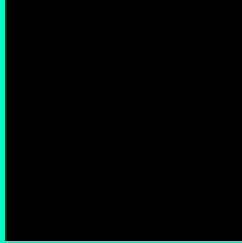
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00FAC2 Background



This preview shows how black text looks on a background with the Hex color 00FAC2.

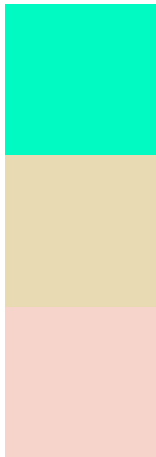


This preview shows how white text looks on a background with the Hex color 00FAC2.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
00FAC2

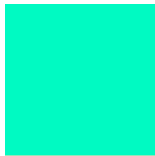
**Protanopia**  
E8DAB2

**Deuteranopia**  
F6D3CB



**Tritanopia**  
71EEFF

# Trichromacy



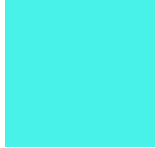
**Original Color**  
00FAC2



**Protanomaly**  
94E6B8



**Deuteranomaly**  
9DE1C8



**Tritanomaly**  
48F2E9

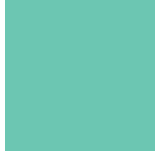
# Monochromacy



**Original Color**  
00FAC2



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
6CC6B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FAC2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00FAC2 looks like.

```
.text, #text, p{  
    color:#00FAC2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00FAC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FAC2
}
```

## Border

The CSS property to change the border of an element to Hex 00FAC2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00FAC2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00FAC2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00FAC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FAC2; -webkit-box-shadow:4px 4px  
4px 4px #00FAC2; box-shadow:4px 4px 4px  
4px #00FAC2 }
```

# Background

The CSS property to change the background color of an element to Hex 00FAC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FAC2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00FAC2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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